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basic imagery interpretation report

Developments at Chernomorskoye and Feodosiya Missile Test and Support Facilities (S)

MISSILE RANGES: NAVAL LAUNCHED FACILITIES
BE: Various
USSR

Secret

WNINTEL

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NOVEMBER 1982
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INSTALLATION OR ACTIVITY NAME					COUNTRY
Developments at Chernomorskoye and Feodosiya Missile Test and Support Facilities					UR
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NO.	COMIREX NO.	NIETB NO.
NA	See below	See below	See below	See below	See below

MAP REFERENCE

DMA. USATC, Series 200, Sheet 0249-16, scale 1:200,000

LATEST IMAGERY USED	NEGATION DATE (If required)
	NA

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Installation Name	Geographic Coordinates	Category	BE No	COMIREX No	NIETB (MRN) No
Chernomorskoye Missile Test and Evaluation Facility	45-01-16N 035-57-49E				
Feodosiya Naval Missile Support Facility	45-08-09N 035-33-41E				
Feodosiya Naval Missile Test Facility	44-51-15N 035-08-05E				
Feodosiya Torpedo and ASW Weapons Storage Facility	45-00-43N 035-24-24E				
Feodosiya Probable ASW Checkout Facility	45-00-22N 035-23-59E				

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ABSTRACT

1. (S/WN) This report describes activity related to missile testing at Chernomorskoye Missile Test and Evaluation Facility and the Feodosiya missile test and support facilities, USSR, observed on imagery acquired from mid-August 1981 through mid-August 1982. It contains a location map and three annotated photographs.

BASIC DESCRIPTION

Chernomorskoye Missile Test and Evaluation Facility

2. (S/WN) Chernomorskoye Missile Test and Evaluation Facility is on the eastern shore of the Crimean Peninsula, 35 nautical miles (nm) northeast of Feodosiya Naval Missile Test Facility (Figure 1). The facility has been associated with the testing of the SS-N-1 antiship, destroyer-launched cruise missile; the SS-N-9 patrol craft- and submarine-launched cruise missile; and the SS-NX-22 (previously designated the BL-09) antiship cruise missile. The SS-NX-22 system was the system most recently tested at Chernomorskoye. The final test firing of the SS-NX-22 has probably occurred, and the test program has essentially been concluded. No indications of newly initiated test programs have been observed.

3. (S/WN) The conclusion of the land-based portion of the SS-NX-22 test program apparently began in early October 1981, when the blast deflector was removed from the rear of the twin-tube launcher used in the SS-NX-22 test program. The blast deflector was placed against the wall of the launch revetment. Between [redacted] the missile-ready tent, which had been present during most of the SS-NX-22 test program, was taken down. One of the twin launch tubes was probably removed from the launcher, which remained canvas covered through mid-March 1982. Activity at the facility suggested that the SS-NX-22 test program was essentially complete. 25X1

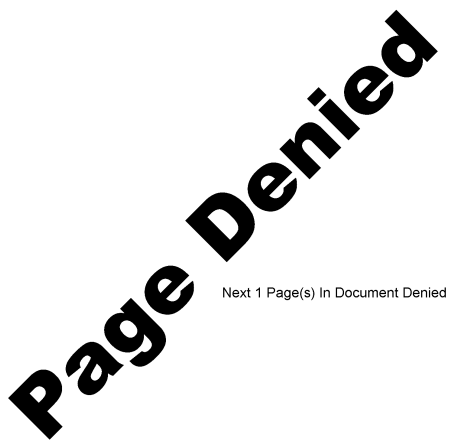
4. (S/WN) Problems were possibly encountered during the sea-based phase of SS-NX-22 testing, since preparations for one additional test were begun in late March. On [redacted] a probable launch tube was on a trailer adjacent to the launcher. In addition, the canvas had been removed from the loading tray. Possible prelaunch activity was observed on [redacted] when the second launch tube was in place on the launcher, and a crane was adjacent to the launcher (Figure 2). In addition, the loading tray had been moved since [redacted] However, the blast deflector had not been reattached to the launcher. No additional coverage was obtained until [redacted] when all launch-related activity had ended. This activity strongly suggests that a launch occurred between [redacted] No additional test-related activity was observed at the facility during the remainder of the reporting period. 25X1 25X1 25X1 25X1 25X1 25X1

5. (S/WN) Seaborne tests of the SS-NX-22 are probably continuing in the Feodosiya and Sevastopol areas of the Black Sea. The SS-NX-22 missile system has been tested aboard the Sovremennyy guided missile destroyer and the Tarantul II guided missile patrol combatant.

Feodosiya Missile Test and Support Facilities

6. (S/WN) The Feodosiya missile test and support facilities include Feodosiya Naval Missile Support Facility, Feodosiya Naval Missile Test Facility, Feodosiya Torpedo and Antisubmarine Warfare (ASW) Weapons Storage Facility, and Feodosiya Probable ASW Checkout Facility (Figure 1). These facilities, which extend along a 16-nm-long section of the eastern shore of the Crimean Peninsula, are an integral part of the Feodosiya naval trials and testing complex. This complex is responsible for the development, testing, and evaluation of naval missile systems.

7. (S/WN) Most antiship cruise missiles and naval SAM systems tested in the Feodosiya area are assembled and checked out at Feodosiya Naval Missile Support Facility. The missiles are then



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transported to Chernomorskoye Missile Test and Evaluation Facility or to Feodosiya Naval Base and Ship Repair Yard [redacted] for testing and evaluation. Most ASW missile systems are assembled and checked out at Feodosiya Probable ASW Checkout Facility or are stored at Feodosiya Torpedo and ASW Weapons Storage Facility. Once assembled and ready for testing, the missiles are transported to either Feodosiya Naval Missile Test Facility for land-based testing or Feodosiya Naval Base and Ship Repair Yard for sea-based testing. 25X1

Feodosiya Naval Missile Support Facility

8. (S/WN) Feodosiya Naval Missile Support Facility is the primary support center for the antiship cruise missiles and SAM systems tested in the Feodosiya area. The facility was previously associated with the SS-N-2, SS-N-3, SS-N-7, and SS-N-9 antiship cruise missiles and the SA-N-3, SA-N-4, SA-6, and SA-NX-7 SAM programs. This facility continues to provide minor support for testing the SA-N-6 SAM and may provide support for the testing SS-NX-22 antiship cruise missiles.

9. (S/WN) On [redacted] a possible SS-NX-22 shipping container was at the new assembly/checkout building in area A. This activity was the first observed at this building since it was completed by [redacted] The possible SS-NX-22 container, [redacted] was on a trailer on the east side of the building (Figure 3). If this was an SS-NX-22 shipping container, it was probably associated with the launch-related activity observed at Chernomorskoye on the same date. 25X1 25X1

10. (S/WN) Minor SA-N-6 support activity was observed at the facility. Two to three SA-N-6 canister transporters were in the motor pool during the reporting period. The area around the assembly/checkout building, which had been used in the SA-N-6 program, was repaved in September 1981, and on [redacted] one of the canister transporters was near the building. No canisters were observed at the facility. 25X1

11. (S/WN) Additional activity included the delivery of five unidentified canisters, approximately 7 by 1 meter, to bunker 4 in the storage area (Figure 4). Activity is not usually observed at this bunker.

Feodosiya Naval Missile Test Facility

12. (S/WN) Feodosiya Naval Missile Test Facility is the primary land-based test facility for ASW weapons systems tested in the Feodosiya area. Missile systems associated with this facility include the SS-N-14 ASW cruise missile, the FRAS-1 (free rocket antisubmarine) ballistic rocket, and a smaller ASW weapon that probably was never deployed. No test-related activity has been observed at this facility since mid-1980.

Feodosiya Torpedo and ASW Weapons Storage Facility

13. (S/WN) Torpedos and ASW weapons being tested in the Feodosiya area are stored at Feodosiya Torpedo and ASW Weapons Storage Facility. Missile systems stored at this facility during the reporting period included SS-N-14, SS-N-15, and SS-N-16 ASW missile systems.

14. (S/WN) SS-N-14 activity levels were low; however, the SS-N-14 test program is probably continuing. Although land-based testing has been completed, some sea-based testing is probably

still underway at Feodosiya Naval Base and Ship Repair Yard. The number of SS-N-14 crates increased from three to seven during the reporting period. This slight increase follows a substantial decrease in the number of crates observed in 1981.

15. (S/WN) SS-N-15 and SS-N-16 activity levels suggest that both programs are nearly complete. Both systems have been tested primarily at Feodosiya Naval Base and Ship Repair Yard. A relatively large decrease in the number of canisters was observed. Since July, the number of SS-N-15 canisters has decreased from approximately 30 to 12. This decrease follows a trend observed during the last reporting period, when the number dropped from a high of about 55 in March 1981 to about 30 in July 1981. The number of SS-N-16 canisters has decreased from approximately 70 to approximately 40 during this reporting period. This reduction is a reversal of the trend observed in the last reporting period, when the number increased from approximately 20 to about 70. 25X1

Feodosiya Probable ASW Checkout Facility

16. (S/WN) Feodosiya Probable ASW Checkout Facility is the assembly and checkout area for ASW weapons tested in the Feodosiya area. SS-N-14, SS-N-15, and SS-N-16 missiles are currently being tested in the area. The number of SS-N-14 crates increased from one to three during the reporting period. 25X1
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REFERENCES

IMAGERY

(S/WN) All applicable satellite imagery acquired from mid-August 1981 through was used in the preparation of this report. 25X1

MAPS OR CHARTS

DMA, US Air Target Chart, Series 200, Sheet FP0249-16HL, 7th ed, Feb 79, scale 1:200,000 (SECRET/ 25X1

RELATED DOCUMENTS

NPIC. RCA-17/0004/79, *Chernomorskoye Missile Test and Evaluation Facility (S)*, Jan 80 (TOP SECRET 25X1
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NPIC. RCA-17/0002/81, *Developments at Chernomorskoye and Feodosiya Missile Test and Support Facilities (S)*, Dec 81 (TOP SECRET 25X1
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NPIC. RCA-17/0003/80, *Feodosiya Naval Missile Support Facility (S)*, Jun 80 (TOP SECRET 25X1
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REQUIREMENTS

COMIREX R01
Project 542048R

(S) Comments and queries regarding this report are welcome. They may be directed to 25X1
Soviet Strategic Forces Division, Imagery Exploitation Group, NPIC, 25X1

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